Direction of Travel ---**←** 600 I50 mm Min Typ → + -Fixed 760 mm Min Type R 180kg Marker Panel 90kg 180ka [610 mm Ma× 180kg (320kg) (640kg) 760 mm Min 150 mm Min Typ--300 mm Max 150 mm Min Typ Direction of Travel

ARRAY 'UI4'

Approach speed IOO km/h or less

PAINTING DETAIL (See Note 5)

965 mm ID

100 mm-

5% Max

ELEVATION

SLOPED SEAT DETAIL

Sand Filled Module

Surface:

13 mm Mir

NOTES

→ 50 mm Min (Typ)

25 mm Wide

White Line

Paint Mass of Sand in Kilograms for Each Module

Downward Slope

Greater Than 5%

AC or Epoxy Mortan

Base to New Slope

- I. (XXX) Indicates module location and mass of sand in kilograms for each module. Module spacing is based on the greater diameter of the
- 2. All sand masses are nominal.
- 3. Each module is to contain amount of sand indicated, supported according to the manufacturer's instructions.
- 4. Modules shall be placed on asphalt concrete, epoxy mortar or concrete surface. Modules to be placed on surfacing with greater than 5% downward slope shall be seated as shown.
- 5. Mass of sand and outline of each module shall be painted on the surface at each module location.
- 6. Module blocking, epoxied to the deck surface, is required for all modules placed on bridge decks. Two acceptable alternatives are shown. Other alternatives recommended by the manufacturer and approved by the Engineer will be accepted.
- 7. Place the top of the Type R marker panel 25 mm below the module lid.

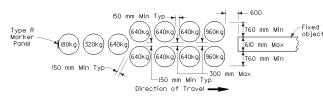
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

CRASH CUSHION. SAND FILLED (UNIDIRECTIONAL)

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

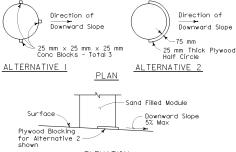
A81A



Direction of Travel ---

ARRAY 'UII'

Approach speed 70 km/h or less



ELEVATION

BRIDGE DECK MODULE BLOCKING DETAILS

(See Note 6)

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Std

PLAN

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